

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	09/700463	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:13
L2	53	(planar near electron near emitter)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:17
L3	4	(petr near viscor)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:26
L4	1	(planar near electron near emitter) and "257"/\$.ccls.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:16
L5	1045	(electron near emitter) and "257"/\$.ccls.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:17
L6	868	(electron near emitter) and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:17
L7	882	(electron near emitter) and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion or dopant)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:17
L8	557	(electron near emitter) and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion or dopant) and (crystal or crystalline)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:18

L9	361	(electron near emitter) and "257"/\$.cols. and (dope or doping or doped or impurity or diffusion or dopant) and (crystal or crystalline) and (electric adj field)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:18
L10	42	(electron near emitter). clm. and "257"/\$.cols. and (dope or doping or doped or impurity or diffusion or dopant) and (crystal or crystalline) and (electric adj field)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:19
L11	17	(electron near emitter). clm. and "257"/\$.cols. and (dope or doping or doped or impurity or diffusion or dopant). clm. and (crystal or crystalline) and (electric adj field)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:19
L12	7	(electron near emitter). clm. and "257"/\$.cols. and (dope or doping or doped or impurity or diffusion or dopant). clm. and (crystal or crystalline) and (electric adj field) and "313"/\$.cols.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:19
L13	657	((field or electron) near (emission or emitter)) and "257"/\$.cols. and "313"/\$.cols.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:22
L14	179	((field or electron) near (emission or emitter)).clm. and "257"/\$.cols. and "313"/\$.cols.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:22
L15	41	((field or electron) near (emission or emitter)).clm. and "257"/\$.cols. and 313/310.cols.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:23

L16	46	((field or electron) near (emission or emitter).clm. and "257"/\$.cls. and (313/310.cls. or 313/496.cls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:23
L17	4	(planar near10 (field or electron) near (emission or emitter).clm. and "257"/\$.cls. and (313/310.cls. or 313/496.cls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:24
L18	7911	313/496.cls. or 313/310.cls. or 313/309.cls. or 313/313.cls. or 257/10.cls. or 257/44.cls. or 257/79.cls. or 257/E33.044.cls. or 257/E31.049.cls. or 257/E21.004.cls.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:28
L19	234	(313/496.cls. or 313/310.cls. or 313/309.cls. or 313/313.cls. or 257/10.cls. or 257/44.cls. or 257/79.cls. or 257/E33.044.cls. or 257/E31.049.cls. or 257/E21.004.cls.) and (crystal or crystalline) near2 orientation	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:29
L20	188	(313/496.cls. or 313/310.cls. or 313/309.cls. or 313/313.cls. or 257/10.cls. or 257/44.cls. or 257/79.cls. or 257/E33.044.cls. or 257/E31.049.cls. or 257/E21.004.cls.) and (crystal or crystalline) near2 orientation and (dope or doping or doped or dopant or impurity or diffusion)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:29

L21	188	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44.ccls. or 257/257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline) near2 orientation) and (dope or doping or doped or dopant or impurity or diffusion)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:30
L22	47	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44.ccls. or 257/257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline) near2 orientation) same (dope or doping or doped or dopant or impurity or diffusion)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:30
L23	0	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44.ccls. or 257/257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline) near2 orientation) same (dope or doping or doped or dopant or impurity or diffusion) same perpendicular	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:30

L27	21	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44.ccls. or 257/10.ccls. or 257/79.ccls. or 257/E3.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline)) same (dope or doping or doped or dopant or impurity or diffusion) same perpendicular	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:31
L28	141	(US-20050159071-\$ or US-20040202291-\$ or US-20040129877-\$ or US-20040095868-\$ or US-20030206512-\$ or US-20040207424-\$ or US-20050086471-\$ or US-20050023959-\$ or US-20050029920-\$ or US-20030128494-\$ or US-20040029593-\$ or US-20040190429-\$ or US-20030028725-\$ or US-20030111601-\$ or US-20040142211-\$ or US-20020158546-\$ or US-20020175617-\$ or US-20020175618-\$ or US-20040151912-\$ or US-20020135295-\$ or US-20050152175-\$ or US-20020043607-\$ or US-20060049362-\$ or US-20020105262-\$ or US-20020105897-\$ or US-20050156500-\$). did, or (US-20030128647-\$ or US-20040141453-\$ or US-20030042921-\$ or US-20040256579-\$ or US-20040027050-\$ or US-20020017875-\$ or US-20040046493-\$ or US-20040196674-\$). did, or (US-6541906-\$ or US-6617772-\$ or US-6356250-\$ or US-5491339-\$ or US-	US_PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/08 18:31

4126806-\$ or US-  
4667126-\$ or US-  
5148461-\$ or US-  
6891176-\$ or US-  
7042006-\$ or US-  
6590334-\$ or US-  
6479819-\$ or US-  
3622782-\$ or US-  
6313476-\$ or US-  
7027380-\$ or US-  
6744268-\$ or US-  
3617740-\$ or US-  
6384527-\$ or US-  
7019292-\$ or US-  
6075323-\$ or US-  
6162707-\$ or US-  
4107526-\$ or US-  
4933551-\$ or US-  
4970398-\$ or US-  
5907595-\$ or US-  
5374828-\$ or US-  
5912056-\$).did. or  
(US-6051937-\$ or US-  
7019449-\$ or US-  
6914374-\$ or US-  
6976895-\$ or US-  
6919128-\$ or US-  
6235615-\$ or US-  
6486599-\$ or US-  
3663840-\$ or US-  
4727550-\$ or US-  
6455844-\$ or US-  
6671778-\$ or US-  
6566804 \$ or US-  
3843896-\$ or US-  
6843697-\$ or US-  
6750604-\$ or US-  
6441559-\$ or US-  
3814968-\$ or US-  
6465783-\$ or US-  
6494429-\$ or US-  
3894332-\$ or US-  
6979819-\$ or US-  
3600936-\$ or US-  
6864624-\$ or US-  
6855417-\$ or US-  
6806630-\$ or US-  
6989628-\$ or US-  
6153986-\$).did. or  
(US-6759654-\$ or US-  
6127774-\$ or US-  
6084345-\$ or US-  
5982082-\$ or US-  
5140219-\$ or US-  
5458520-\$ or US-

		6617798-\$ or US- 7009344-\$ or US- 5650795-\$ or US- 5831380-\$ or US- 4829343-\$ or US- 6040613-\$ or US- 6043519-\$ or US- 6111353-\$ or US- 6412953-\$ or US- 4901122-\$ or US- 4686550-\$ or US- 5729094-\$ or US- 5861707-\$ or US- 5362972-\$ or US- 5489817-\$ or US- 6249080-\$ or US- 6333516-\$ or US- 6590321-\$ or US- 6617597-\$ or US- 5077597-\$ or US- 4926221-\$).did. or (US-4506284-\$ or US- 6013980-\$ or US- 6046542-\$ or US- 6084340-\$ or US- 6765342-\$ or US- 6794805-\$ or US- 6818941-\$ or US- 6861798-\$ or US- 5712491-\$ or US- 5627479-\$).did. or (EP- 1328000-\$ or WO- 9965050-\$ or EP- 367195-\$).did. or (JP- 2003217439-\$).did. or (US-20020105262-\$ or US-4970398-\$ or JP- 01024347-\$ or JP- 63184238-\$ or US- 20030128647-\$ or US- 20040151912-\$ or WO- 9965050-\$ or US- 20040256579-\$ or EP- 862785-\$ or JP- 11185673-\$ or JP- 11317181-\$ or JP- 2000250477-\$ or JP- 2000251661-\$).did.				
L29	73	I28 and (crystal or crystalline)	US-PPGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:32

L30	37	I28 and (crystal or crystalline) and (dope or doping or doped or dopant or diffusion or impurity)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:32
L31	30	I28 and (313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44.ccls. or 257/257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:32
L32	11025	313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44.ccls. or 257/257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls. or 258/492.24.ccls. or 369/101.ccls. or 369/121.ccls. or 361/225.ccls.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:34
L33	21	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44.ccls. or 257/257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls. or 258/492.24.ccls. or 369/101.ccls. or 369/121.ccls. or 361/225.ccls.) and ((crystal or crystalline) same (dope or doping or doped or dopant or impurity or diffusion) same perpendicular)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:35

L34	0	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls. or 258/492.24.ccls. or 369/101.ccls. or 369/121.ccls. or 361/225.ccls.) and (((crystal or crystalline) near orientation) same (dope or doping or doped or dopant or impurity or diffusion) same perpendicular)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:35
L35	1	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls. or 258/492.24.ccls. or 369/101.ccls. or 369/121.ccls. or 361/225.ccls.) and (((crystal or crystalline) near orientation) same (dope or doping or doped or dopant or impurity or diffusion) same (direction or perpendicular))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:36

3/8/08 7:26:16 PM

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